

**AN IMPLANTABLE CARDIAC DISEASE MANAGEMENT DEVICE WITH
TRIGGER-STORED POLYSOMNOGRAM AND PHONOCARDIOGRAM**

ABSTRACT OF THE DISCLOSURE

5 Currently, brady, tachy and CRT devices all provide stored electrograms that record ambulatory electrograms with programmable trigger mechanisms. The present invention comprises an implantable device with additional capability that can store polysomnograms and phonocardiograms. The polysomnograms can be obtained from an impendent sensor of the type used in minute ventilation-based rate-adaptive pacemakers.

10 The phonocardiograms are obtained from an accelerometer transducer or other type sensors that can detect heart sound.